

WHAT IS CLAIMED IS:

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1. A brush seal device in which splitting surfaces of a plurality of split-body parts are combined with one another and which is mounted to one of opposed component members so as to seal a gap between said component members, comprising:
- a brush seal formed in a wall shape in the longitudinal direction of a fixture portion which is fixed at one end thereof;
- said split-body parts which hold said brush seal and each of which has connecting portions that are split and that extend along said splitting surfaces,
- wherein each of said splitting surfaces is composed of splitting direction-extending surfaces that extend in such a direction as to split said split-body parts and a longitudinal surface that extends in the longitudinal direction of said split-body parts and that forms a step interposed between said splitting direction-extending surfaces, and
- wherein each of said splitting direction-extending surfaces has shutoff means for sealing a gap between said splitting direction-extending surfaces that are combined with each other.

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2. The brush seal device according to claim 1,
wherein

5 said shutoff means has longitudinal contact surfaces
formed in a step-like structure of said splitting
direction-extending surfaces and is constructed in a
joining portion where said contact surfaces are joined
with each other.

10 3. The brush seal device according to claim 2,
wherein

said shutoff means has a sealing plate made from a
super-elastic alloy material on said contact surfaces.

15 4. The brush seal device according to claim 1,
wherein

said shutoff means is constructed of an elastic sealing
plate that extends across and shuts off the gap between
opposed faces of said splitting direction-extending
surfaces.

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5. The brush seal device according to claim 1,
wherein

25 said shutoff means is constructed of an elastically
deformable plate-type sealing portion that is disposed
between opposed faces of said splitting direction-

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At extending surfaces so as to shut off the gap
therebetween and that is joined with said opposed faces.

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